

**Rhode Island Precipitation**  
**National Weather Service Boston/Norton, MA**  
Preliminary Precipitation Data (inches) by Drought Region  
Past 12 to 36 months ending April 2020  
*Includes CoCoRaHS Data*

<b>RI 1 month April 2020</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	5.89	1.19	125	4.70
Northeast	6.23	1.50	132	4.73
Central West	6.40	1.80	139	4.60
Central East	5.52	1.16	127	4.36
Eastern	4.59	-0.23	95	4.82
Southern	4.90	-0.14	97	5.04
New Shoreham	3.54	-1.50	70	5.04

<b>RI 2 month Mar-Apr 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	10.32	0.17	102	10.15
Northeast	11.08	1.33	114	9.75
Central West	11.31	1.55	116	9.76
Central East	10.20	0.83	109	9.37
Eastern	8.97	-1.53	85	10.50
Southern	10.06	-0.52	95	10.58
New Shoreham	8.15	-2.43	77	10.58

<b>RI 3 month Feb-Apr 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	13.76	-0.35	98	14.11
Northeast	14.31	1.01	108	13.30
Central West	14.38	1.02	108	13.36
Central East	13.31	0.65	105	12.66
Eastern	12.45	-1.82	87	14.27
Southern	13.55	-0.72	95	14.27
New Shoreham	12.65	-1.62	89	14.27

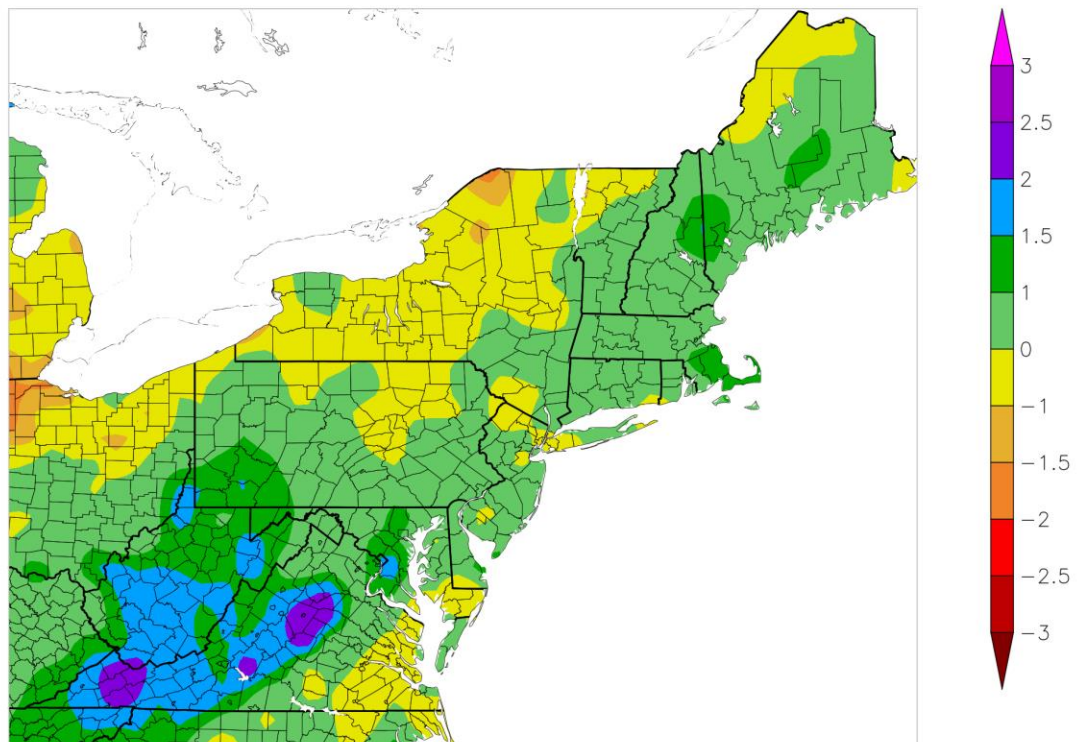
<b>RI 6 month Nov 19-Apr 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	26.84	-1.35	95	28.19
Northeast	26.83	-0.07	100	26.90
Central West	28.06	1.28	105	26.78
Central East	26.15	0.90	104	25.25
Eastern	25.41	-1.36	95	26.77
Southern	26.51	-1.63	94	28.14
New Shoreham	24.22	-3.92	86	28.14

<b>RI 12 month May 19-Apr 20</b>	<b>Rainfall</b>	<b>Departure</b>	<b>Percent</b>	<b>Normal</b>
Northwest	55.70	1.49	103	54.21
Northeast	51.24	-0.50	99	51.74
Central West	55.73	4.96	110	50.77
Central East	49.39	1.90	104	47.49
Eastern	50.78	1.23	102	49.55
Southern	57.11	3.54	107	53.57
New Shoreham	49.58	-3.99	93	53.57

RI 24 month May 18-Apr 20	Rainfall	Departure	Percent	Normal
Northwest	123.87	15.96	115	107.91
Northeast	116.53	13.37	113	103.16
Central West	124.04	22.50	122	101.54
Central East	113.75	19.08	120	94.67
Eastern	105.20	7.11	107	98.09
Southern	118.35	11.91	111	106.44
New Shoreham	103.54	-2.90	97	106.44

RI 36 month May 17-Apr 20	Rainfall	Departure	Percent	Normal
Northwest	182.81	21.20	113	161.61
Northeast	172.22	17.64	111	154.58
Central West	181.73	29.42	119	152.31
Central East	167.82	25.97	118	141.85
Eastern	156.26	9.63	107	146.63
Southern	173.32	14.01	109	159.31
New Shoreham	154.92	-4.39	97	159.31

## Monthly SPI 4/1/2020 – 4/30/2020

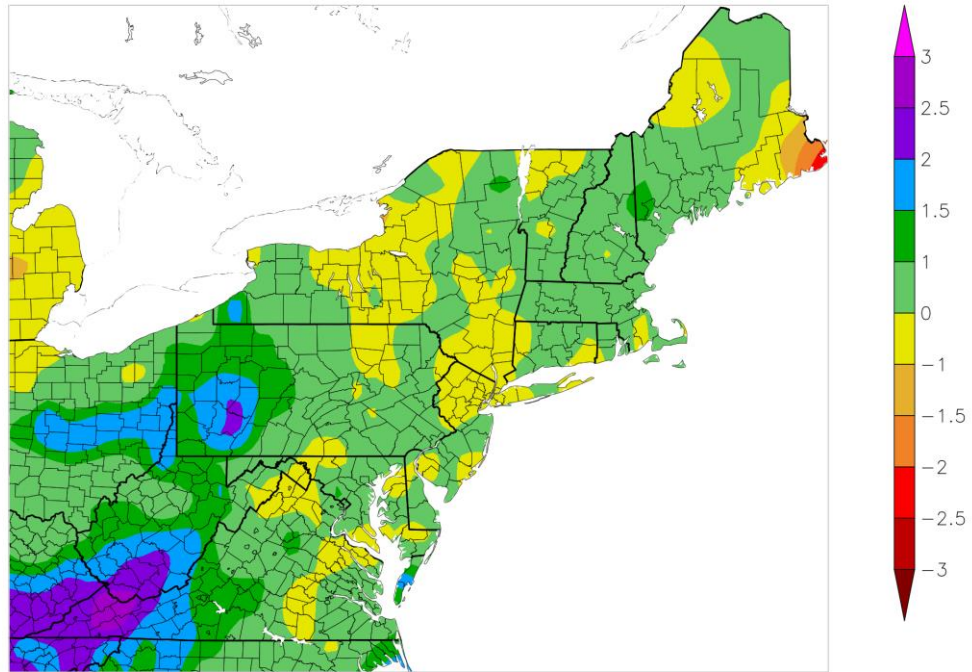


Generated 5/1/2020 at HPRCC using provisional data.

NOAA Regional Climate Centers

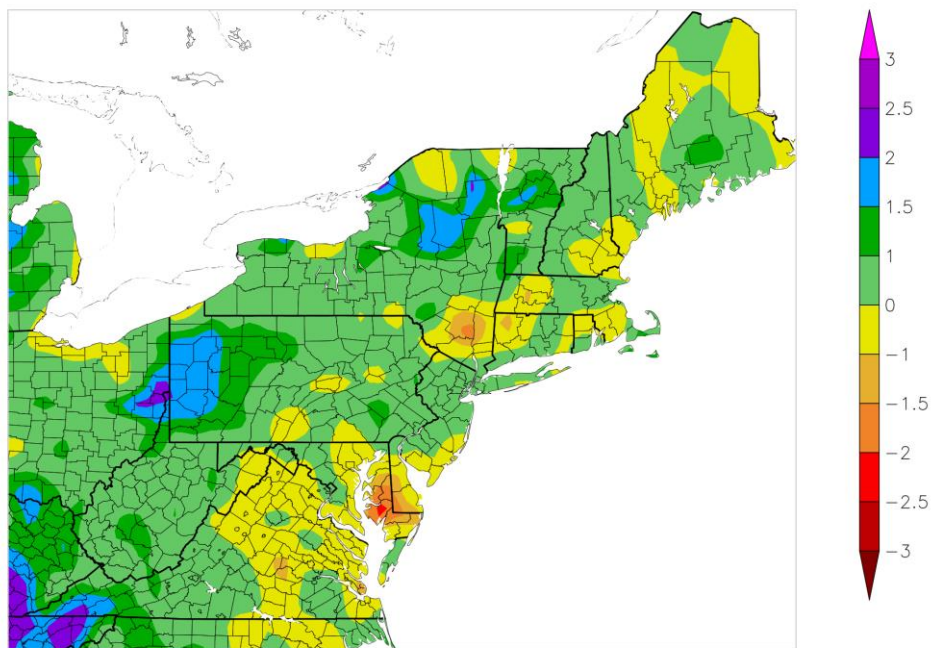
Map 1. 1 Month SPI for April 2020.

# 3-Month SPI 2/1/2020 – 4/30/2020



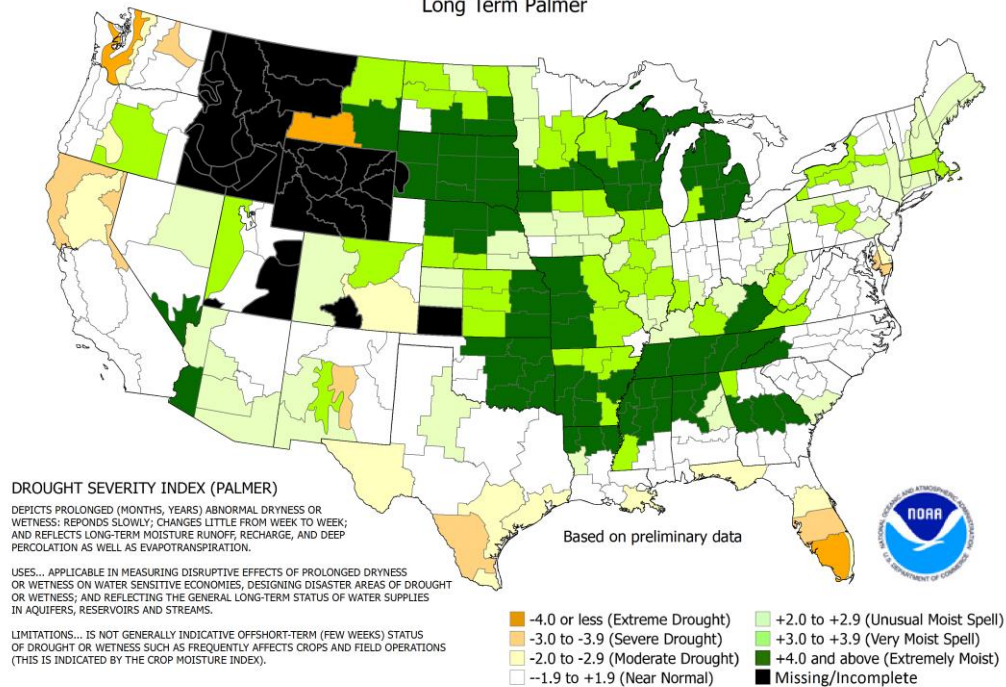
Generated 5/1/2020 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 2. Three-Month SPI ending April 2020.

# 12-Month SPI 5/1/2019 – 4/30/2020



Generated 5/1/2020 at HPRCC using provisional data. NOAA Regional Climate Centers  
Map 3. Twelve month SPI ending April 2020.

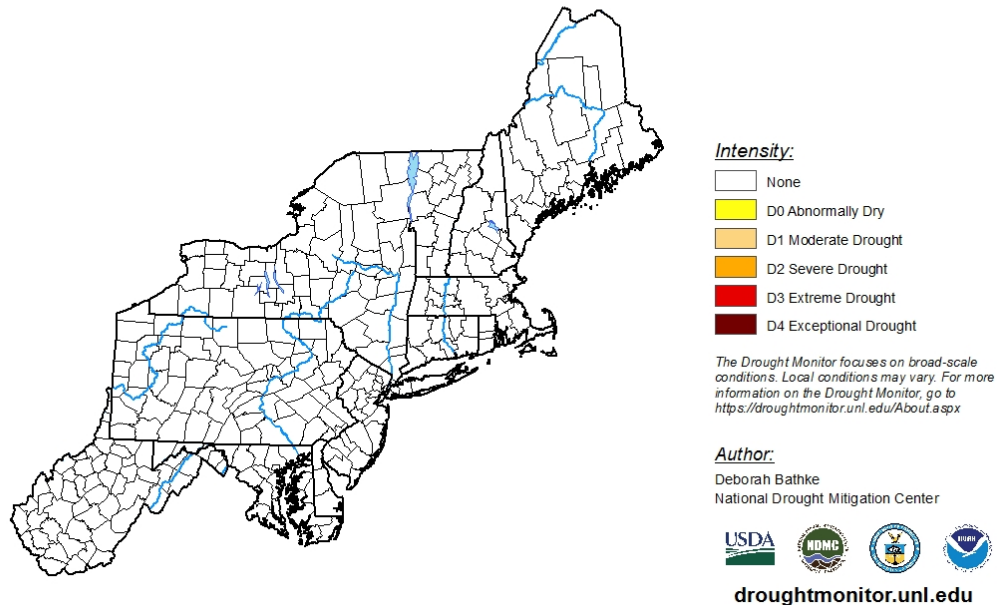
Drought Severity Index by Division  
Weekly Value for Period Ending Apr 25, 2020  
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 4/25/20.  
**RI Palmer is in the Unusual Moist Spell range, +2.38.**

**U.S. Drought Monitor  
Northeast**

**April 28, 2020**  
(Released Thursday, Apr. 30, 2020)  
Valid 8 a.m. EDT









Map 5. US Drought Monitor for the Northeast U.S. valid 4/28/2020.

# U.S. Drought Monitor Rhode Island

**April 28, 2020**  
(Released Thursday, Apr. 30, 2020)  
Valid 8 a.m. EDT



## Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

## Author:

Deborah Bathke  
National Drought Mitigation Center



**droughtmonitor.unl.edu**

Map 6. US Drought Monitor for Rhode Island, valid 4/28/2020.